

ABSTRACT OF THE DISCLOSURE

The invention relates to a one-piece lathe tool for boring with a cross-section of less than 10 mm, comprising an essentially-cylindrical tool body which is intended to be inserted and held in a tool support (10) which is traversed by at least one lubricant supply channel. One end (3) of the tool body (2) extends into a neck (4) which terminates in a head (5) that forms the active part of the tool. In order to ensure good lubrication, the inventive tool is characterised in that the neck (4) is offset in relation to the axis of the tool body (2), while, at the end of the neck (4), the head (5) is offset in relation to said axis. Moreover, the head (5), together with the cutting edge (6) thereof, falls within and is essentially tangent to the periphery (8) of a cylindrical space (7) corresponding to the extension of the tool body (2). The invention also relates to a machining assembly comprising a one-piece lathe tool for boring with a cross-section of less than 10 mm and a tool support.

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